





Form PTO-1449
(REV. 8-83)US Dept. of Commerce
PATENT & TRADEMARK OFFICEATTY DOCKET NO.
100525.05Rule 53(b) Continuing
Application of U.S.
Application No. ~~10/234,977~~
filed January 2, 2003 10673,410

INFORMATION DISCLOSURE STATEMENT













(Use several sheets if necessary)

APPLICANT(S)
Keiji KASHIMA et al.FILING DATE
September 30, 2003

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	5,706,134	01/1998	Konno et al.	359	599
	5,550,657	08/1996	Tanaka et al.	359	599
	6,111,699	08/2000	Iwata et al.		
	5,814,932	09/1998	Matsuda et al.		

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS
	JP-A-5-169015	07/1993	JAPAN		
	JP-A-56-157310	12/1981	JAPAN		
	JP-A-7-151909	06/1995	JAPAN		
	JP-A-2-33001	02/1990	JAPAN		
	JP-A-5-73602	03/1993	JAPAN		
	JP-A-3-5725	01/1991	JAPAN		
	JP-A-7-191319	07/1995	JAPAN		
	JP-A-3-69184	03/1991	JAPAN		
	JP-A-2-84618	03/1990	JAPAN		
	JP-A-60-70601	04/1985	JAPAN		
	49,403	03/1994	JAPAN		
	49,307	07/1993	JAPAN		

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

EXAMINER		
EXAMINER	SIKDER	DATE CONSIDERED 4/30/04
Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

Date: September 30, 2003